

(D) analyzing the interaction of each of said rotamers with all or part of the remainder of said protein to generate a set of protein sequences optimized for at least one scoring function.

B1 11. A method according to claim 10 wherein said analyzing step comprises a SCMF force field calculation.

REMARKS

Claims 10-11 are newly added. Support for new claim 10 is found at least on page 15, line 15 through page 22, line 25. Support for new claim 11 is found at least on page 14, lines 23-28.

The Commissioner is authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 06-1300 (Our Order No. A-67229-6/RFT/RMS/RMK). Please direct any calls in connection with this application to the undersigned at (415) 781-1989.

Dated: January 15, 2001

Respectfully submitted,

FLEHR, HOHBACH, TEST,
ALBRITTON & HERBERT

By: 

Renee M. Kosslak, Reg. No. 47,717 for
Robin M. Silva, Reg. No. 38,304

Four Embarcadero Center - Suite 3400
San Francisco, California 94111-4187
Tel.: (415) 781-1989
Fax: (415) 398-3249

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